

ABSTRACT

Provided is a self-bonding insulated wire in which a bonding layer is formed on an insulated wire, wherein the bonding layer is formed by applying a bonding varnish obtained by dissolving a crystalline copolyamide resin having a melting point within a temperature range of 105 to 150°C and an alcohol-soluble copolyamide resin having a flexural modulus of 1500 MPa or more in a mixed organic solvent containing an alcoholic organic solvent.

Because the self-bonding insulated wire of the present invention has a reduced amount of remaining phenolic solvent in its bonding layer, the wire is characterized in that the odor of the phenolic solvent released from the wire and the odor of the phenolic solvent which generates during the fabrication of a deflection yoke coil from the self-bonding insulated wire by means of a coil winder are reduced and that the initial twist of the deflection yoke coil after coiling, heat bonding and press molding is small.